

# LITHAGON

*lenses*

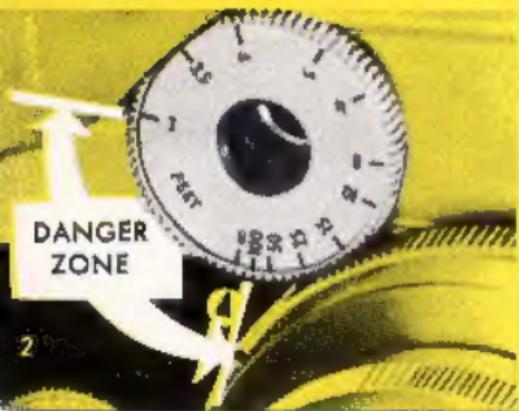
interchangeable lenses for Argus C-4

## **p r e f a c e**

Your instructions are divided into three parts:

- (A) Instructions for Holding Camera.
- (B) Instructions for Removing Cintar and Interchangeable Lenses from Argus C-4 Camera.
- (C) Instructions for Mounting Telephoto, Wide Angle and Cintar Lens.

**CAUTION: IT IS IMPORTANT THAT YOU READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING TO INTERCHANGE LENSES ON YOUR C-4 CAMERA.**



Your camera's rangefinder is a precision instrument. To remove lenses, rangefinder dial must be set at the infinity mark ( $\infty$ ).

To avoid injury to rangefinder's mechanism, never turn the dial into the danger zone. It is permissible to turn the dial 4 teeth beyond the infinity mark ( $\infty$ ) or 4 teeth beyond the 3 foot mark, but no farther.

We will not be responsible for any damage caused to your camera or lenses due to improper handling.

## **your Lithagon lenses are especially good for--**

*telephotos*



**portraits:** Your telephoto lens brings distant objects close up and this enables you to get wonderful "candid" studies with it. And posed portraits shot with this lens have a professional quality, whether you take them in color or black and white.



**wild life:** You can get wonderful bird and animal shots with your telephoto lens. Its high magnifying power lets you stand at a safe distance and still shoot for detail.



**groups:** Your wide angle lens gets everybody in the picture — even if you're shooting a large group of people or even if you're shooting in a small room. You don't have to crowd people together, either!



**interiors:** Interior shots with your wide angle lens will show much more of the interior. The Lithagon wide angle lens takes in an 87% greater picture area. You will be able to take good pictures even in confined areas where trees, buildings or obstacles of some other sort interfere.

*wide angle*

## **specifications**

### *telephoto*

Lens: 100mm color-corrected, hard-coated anastigmat.

F-stops: Click stop settings at f:4.5, 5.6, 8, 11, 16, 22.

Hyperfocal Distance: 71 feet 9 inches at f:4.5.

Full Field Angle: 24°.

Filter Size: Series V.

Carrying Case: Available as an accessory in genuine leather.

### *wide angle*

Lens: 35mm color-corrected, hard-coated anastigmat.

F-stops: Click stop settings at f:4.5, 5.6, 8, 11, 16.

Hyperfocal Distance: 35 feet at f:4.5.

Full Field Angle: 64°.

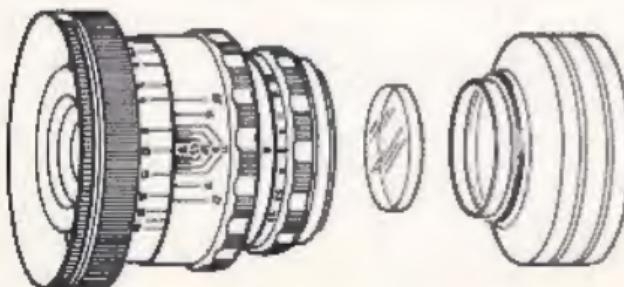
Filter Size: Series VII.

Carrying Case: Available as an accessory in genuine leather.



The Lithagon Telephoto Lens has a removable Sunshade and Filter Holder. Series V filters are used and installed by unscrewing Sun Shade as illustrated.

The Lithagon Wide Angle accepts a Kodak Series VII 2" Adapter Ring and uses Series VII Filters.



## special stops for color film

A feature found on only the most expensive lenses; intermediate stops, clearly marked by color dots, give you accurate lens settings for perfect results with color film.\* Lines of corresponding colors in the Depth-of-Field markings show your depth of field when these settings are being used.

\*The yellow dot corresponds approximately to a lens setting of f/6.3, and the green dot to a lens setting of f/9.5. (This is a good thing to know when reading setting charts that come with color film. For example: If a chart advises a setting of f/6.3, you will get best results by using the yellow dot setting.)

## **GUARANTEE**

Your Argus C4 Camera which has been converted to accept interchangeable Lithagon Lenses was thoroughly tested before it was shipped. Your C4 Camera is *Fully Guaranteed For One Year*, from date of conversion, against defective workmanship or materials.

If this camera develops defects due to materials or workmanship, it will be repaired or replaced (our option) without charge. This guarantee is void in the event the camera has been damaged through accident, misuse, mishandling or for reasons beyond our control.

**NOTE:** Used or rebuilt Argus C4 Cameras are not covered by this guarantee, except for the conversion which is fully covered for one year.

Guarantee in force only when the "Guarantee Registration Card" is properly filled in and sent to Geiss-America.

Argus C4 Serial No.

Geiss-America  
Chicago 45, Illinois

*The Geiss-America Year Guarantee is VOID unless you register the serial number of your C-4 camera with Geiss-America at once.*

## **guarantee registration card**

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

**serial number** 

TYPE & MODEL **Argus C-4** PURCHASED FROM \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

DATE PURCHASED \_\_\_\_\_

FIRST CLASS  
PERMIT NO. 30329  
Sec. 34.9, P. L. & R.  
Chicago, Ill.

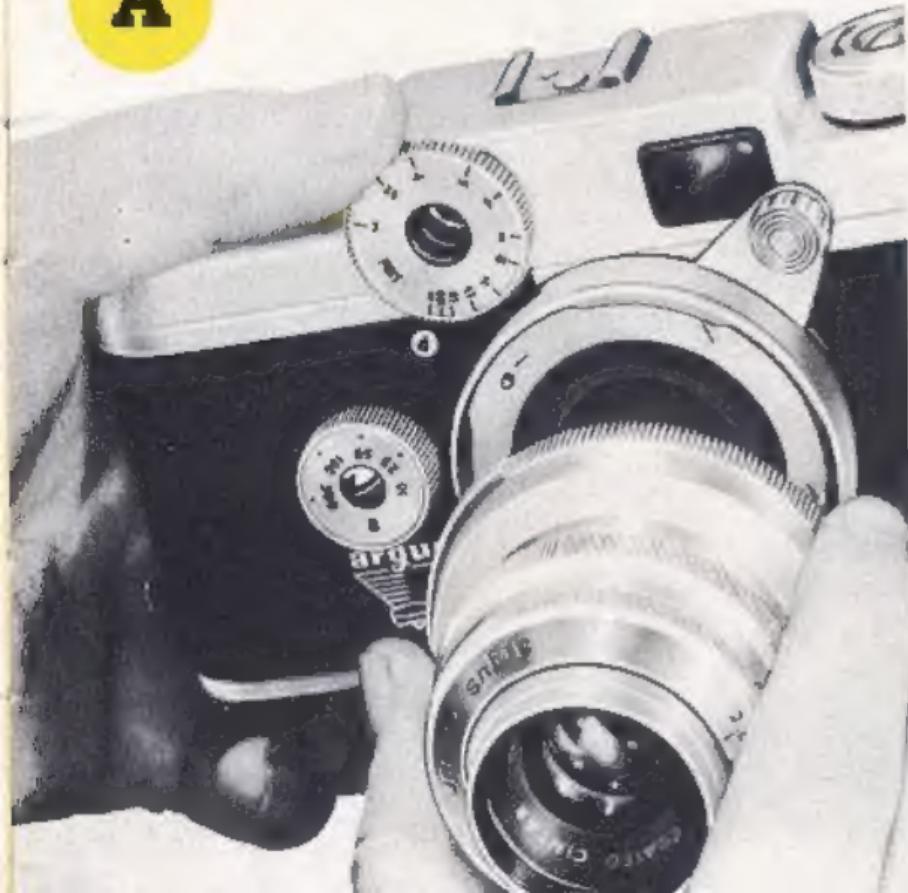
**business reply card**

No Postage Stamp Necessary if Mailed in the United States

POSTAGE WILL BE PAID BY

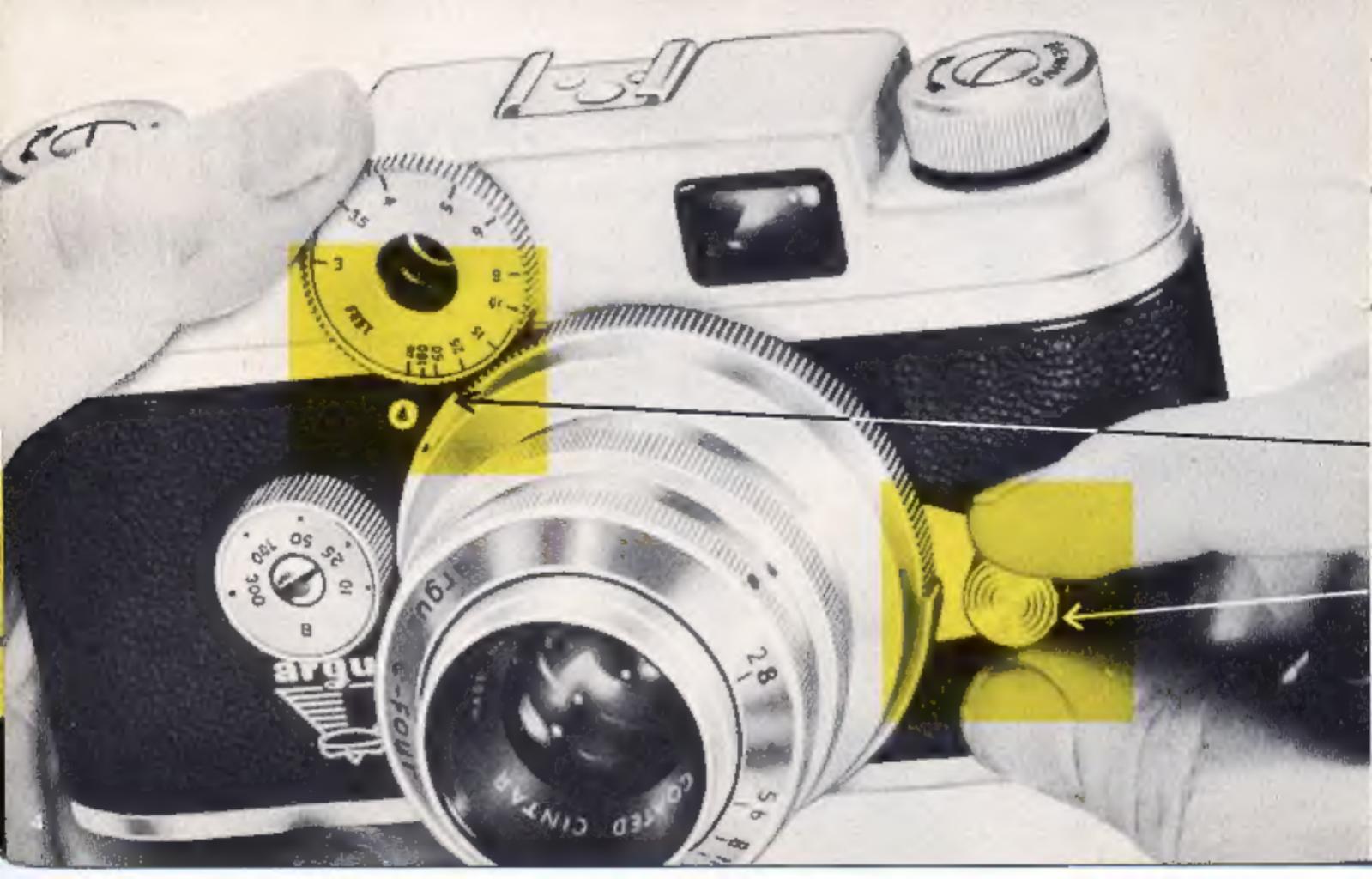
**Geiss-America**  
**6422 N. WESTERN AVE.**  
**CHICAGO 45, ILL.**

A



## instructions for holding C-4 camera when mounting or removing lens

The easiest method to interchange lenses on your Argus C-4 Camera is as follows: Hold C-4 camera in the palm of either hand (with front of camera facing you) so that your thumb is on top of C-4 rangefinder wheel. Your index finger should be on back of camera, while your other three fingers grip base of camera. The purpose of holding your camera in this position is to allow you a firm grip on the camera and at the same time enable your thumb to turn or hold the rangefinder wheel, wherever required in the following instructions.

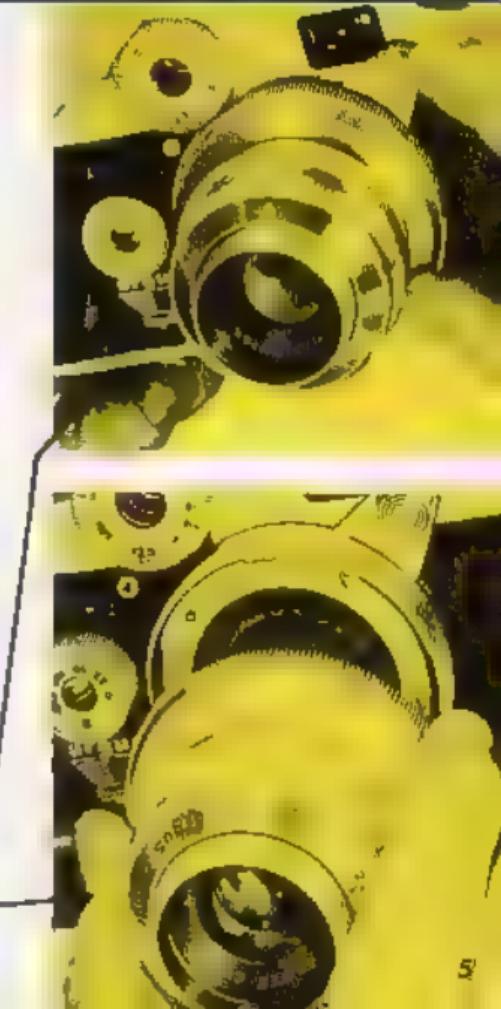


## B

### instructions for removing cintar and interchangeable lenses from Argus C-4 camera

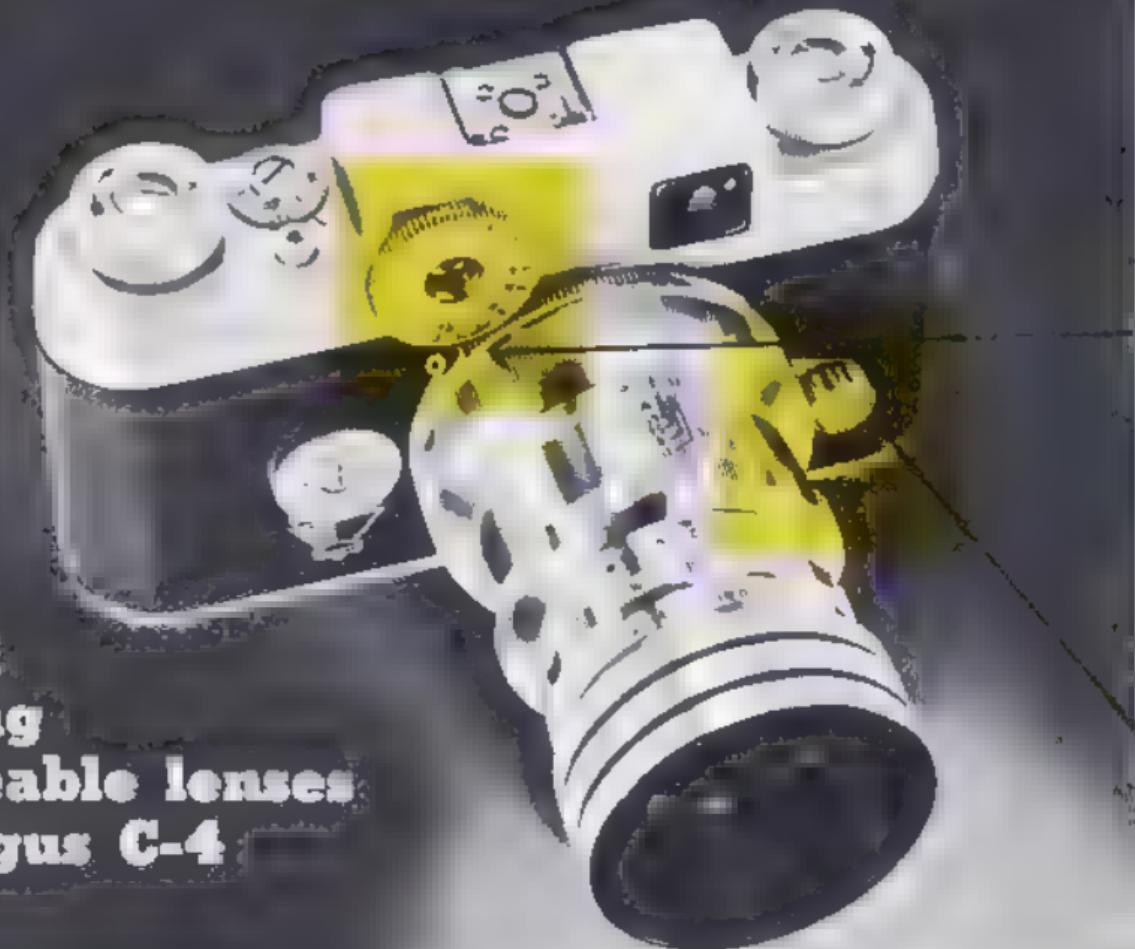
Note: Lenses should always be removed with rangefinder at infinity (OO) position.

- 1 Holding camera as described, use your thumb to turn rangefinder wheel to infinity (OO) position. The infinity (OO) position of the rangefinder wheel should line up with the index mark of the camera.
- 2 Turn small wheel on bayonet arm counter-clockwise, thereby unlocking the arm.
- 3 Push bayonet arm up to the lower right-hand corner of the viewfinder window. It will stop at this position. **DO NOT FORCE PAST THIS POINT.**
- 4 Gently lift lens off camera—it will lift off easily.

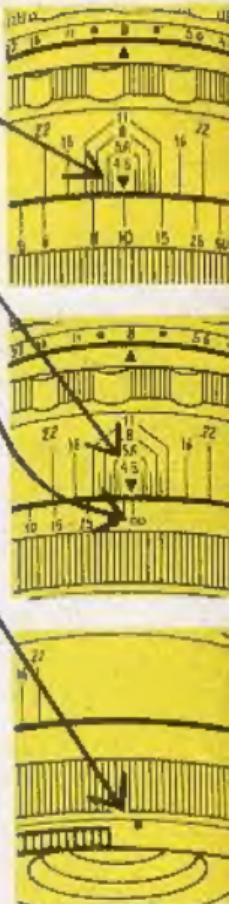


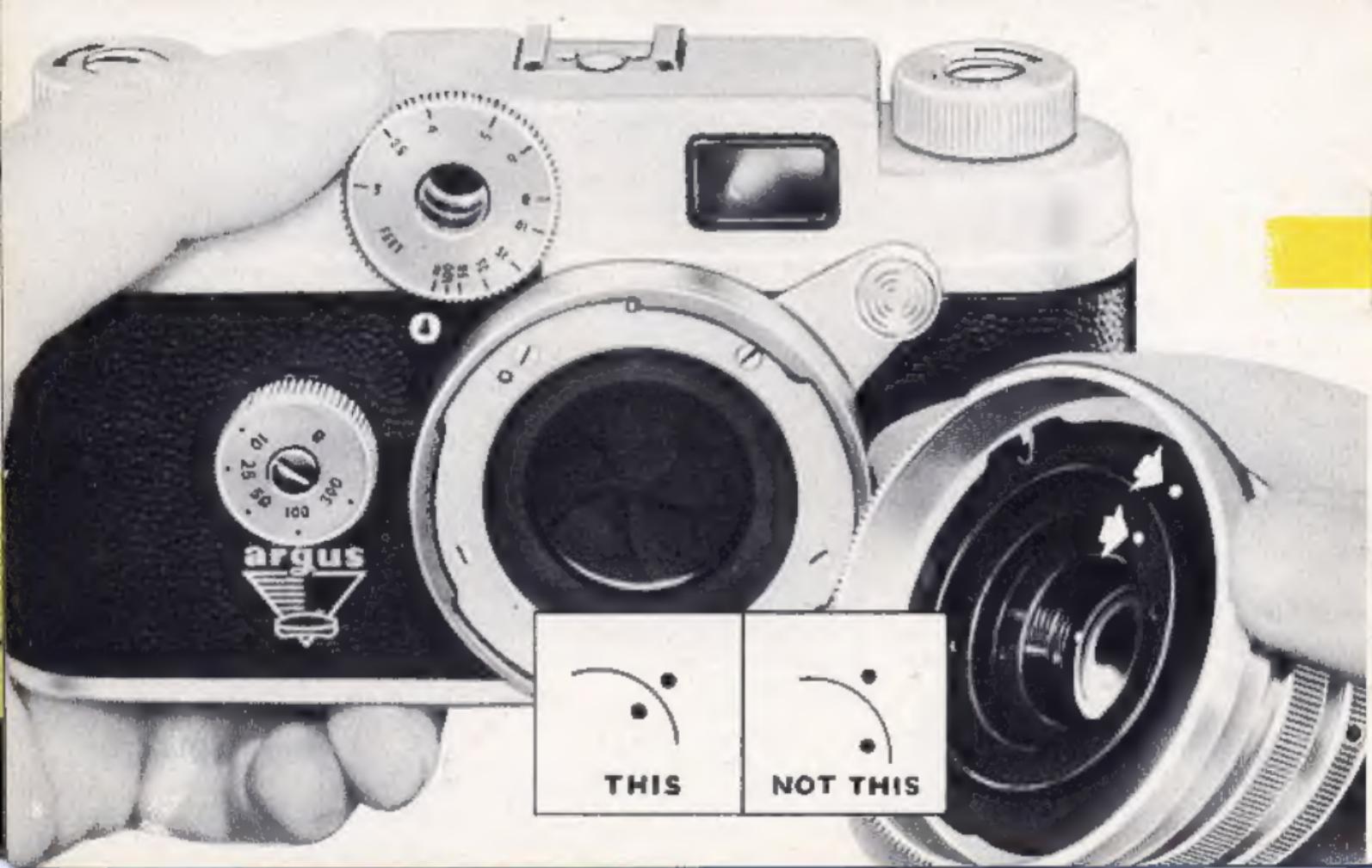
C

Instructions  
for installing  
interchangeable lenses  
on your Argus C-4.



- 1 Hold lens with depth of field scale facing you and locate red arrow facing distance scale.
- 2 Turn rear collar of lens until infinity (00) position lines up with red arrow. At infinity (00) you will feel and hear a click that will hold lens from slipping out of position.
- 3 Holding camera as described, make sure that the infinity (00) position of the rangefinder wheel is aligned with index mark of camera and firmly hold thumb on rangefinder wheel.
- 4 Take your lens and locate red dot on side of rear lens collar. Align the red dot with the camera's rangefinder index mark. Place lens on mount, **MAKING SURE THAT TEETH OF LENS COUPLING GEAR ARE PROPERLY ENGAGING TEETH OF CAMERA'S RANGEFINDER WHEEL**. Then gently press lens against camera.
- 5 **CAUTION: IF TEETH OF GEARS DO NOT ENGAGE, LIFT LENS SLIGHTLY FROM CAMERA MOUNT, KEEPING TEETH OF RANGEFINDER WHEEL AND COUPLING GEAR IN VIEW; then turn rangefinder wheel in either direction approximately one gear's tooth. As soon as gear teeth engage gently press lens against camera.**
- 6 Pull down bayonet arm to bayonet arm stud, thereby securing lens in position. Turn small wheel on bayonet arm clockwise, locking arm in position.





THIS

NOT THIS

## **important...**

### *Supplementary Instructions on Remounting of Cintar Lens*

Your Cintar Lens does not have a visible focusing scale, therefore you cannot set your lens at the infinity (00) position as described for the Telephoto or Wide Angle lens. Before installing your Cintar Lens you will have to refer to the rear of your lens. You will see two white dots. One of these dots is located on a movable ring, whereas the other dot is on a stationary ring. Your lens is focused at the infinity (00) position when the two white dots are lined up opposite each other. If the white dots are not in line you may turn the movable ring in either direction until they are correctly aligned.

## depth of field

The depth of field scale on top of your Lithagon lenses tells you how much of your picture is in sharp focus. Depth of field varies with distances and f-settings, but this scale always tells you what it is.

telephoto

Example: With your camera set at f/8 and focused on a subject 25 feet away, your entire picture will be in focus from 16 to 64 feet away. The scale tells you.

wide angle

Example: With your camera set at f/8 and focused on a subject 10 feet away, your entire picture will be in sharp focus from 7 to 19 feet away. The scale tells you.

